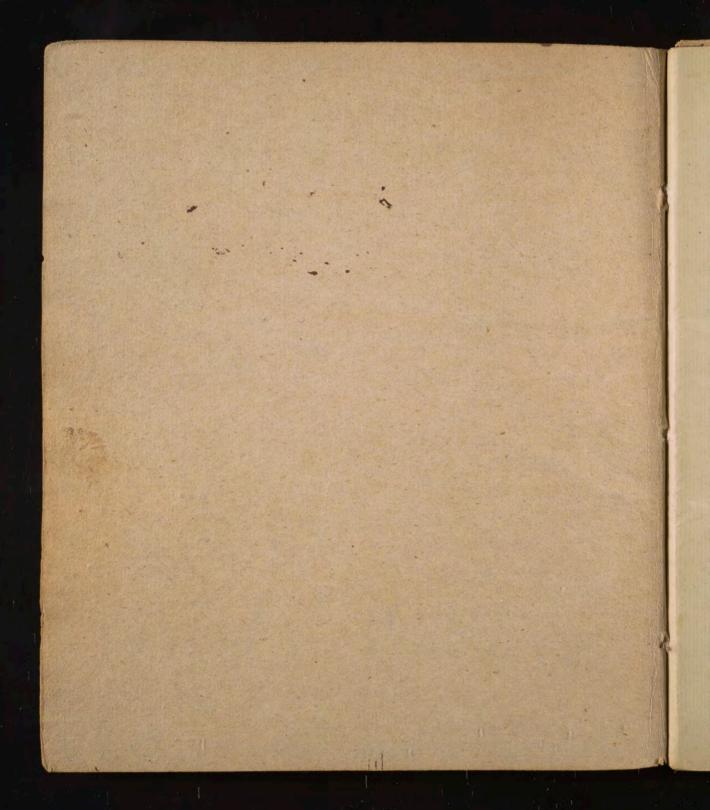
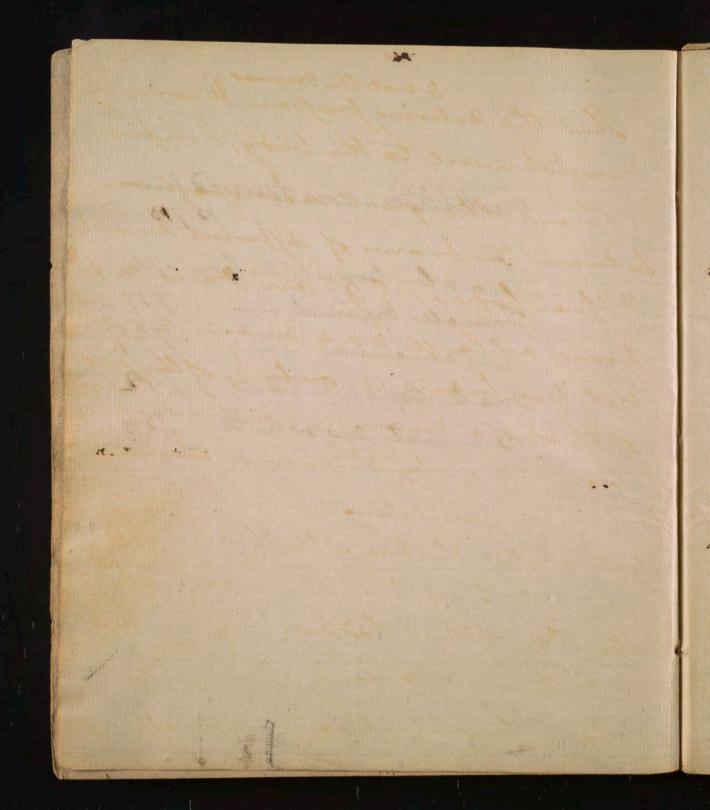
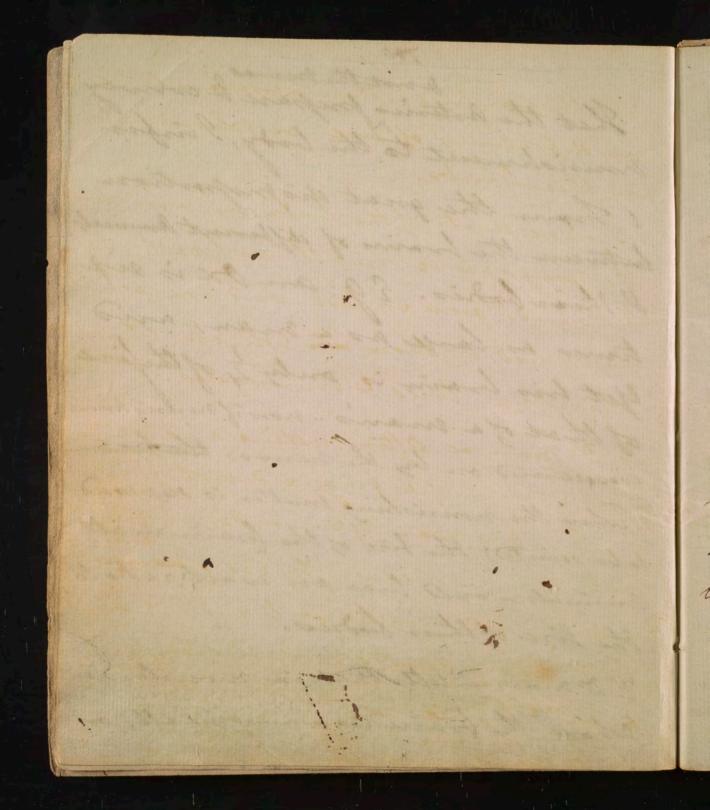
Yi2 7397



putition continued from Tunale Constitution 714 Tremale mind Catamenia -742 male Constitution vineral apportite 754



That the artisis prepare & convey annishment to the body, Tinfen I know the great disproportion between the brains of different humals I this bohis. Eg: an ox is six times as large as a man, and Get his brain is only 4 of thefire of that of a man's . non if works hment waspearried on by the news, the Juhn the nourishing matter is respond to be secretio) the line of the brain in all minuls would bear an exact ratioto the line of their ladris. 2 Demonroe tells that in monsters in whom the brain was very mall, on

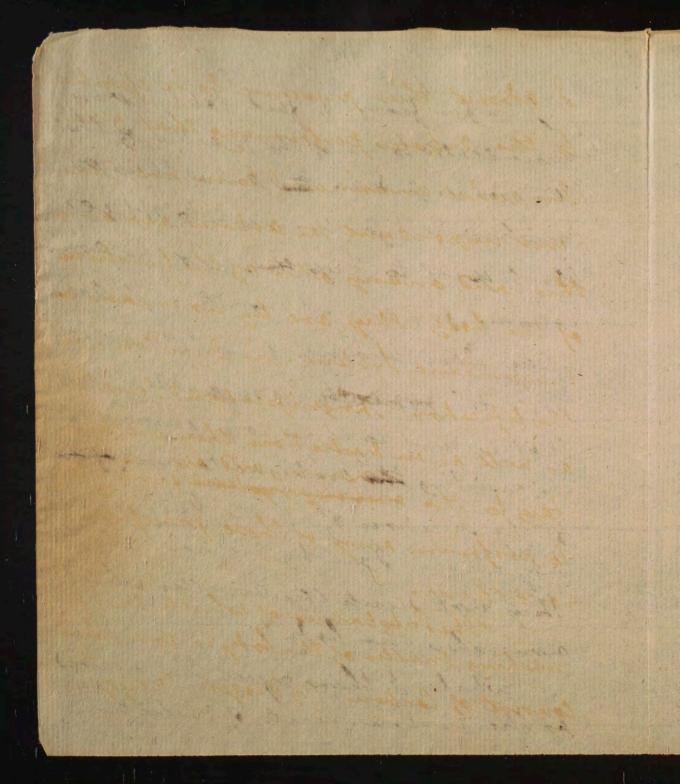


wholly wanting, - there appears to be no deficiency of hie-or plummelo in thurkinds. 3 Those parts of the body in which the news are so small as hardly to be traced, grow as fast, and one as well nourished, as those win which the news are large be orumerous. 4 Dronouse after cutting acrofs the Suntin one of a frog, did not find Hu lind a year afterwards in the least deninished in its fire & minds inflicted this limbe, & win fractions on its bones healed & united as readily as in Other Cases Too not the arteries here personny the Offices of the penes Vicarionshy? Why

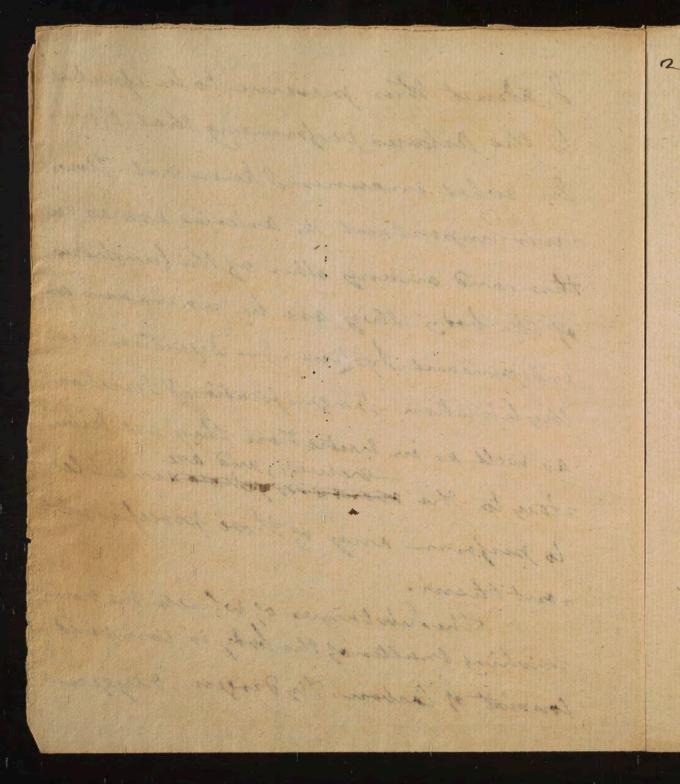
V not serete the matter which nomistres the body & But while I thus right the spinion of the presses preparing the matter of evenishment for y budy, the presses preparing is entainly newpores to in able y actives to per from it he what enanmer I know out o Bygin in franch. In bottomes which compose the food of man. to there some philiologists att - Colemions sautter and all of there are of 20 hesterogeneons a seature as to undula a dumposition by the remerous arrival processes they undergo in the to body. They are all said to be com-- posed of Carbon - Hydrogen & oxygen with by the aminatizing prosepro things in to berote, That which constitutes a matrial Joants of animal enathers. Defullen has
supposed Jugar to lie batts of histrition in any Other wests. wow it is germanhable Jugar yilds by Chemical analysis the Carbon - Hydrogen & Bugygen which are Inid to by furnish the materior non-= rishment and to the the foll is the - rishment alumin Spile in the fall is the state of animal de minelage & felicion Spile in.

1 400 5 The bones are tingered by madden to in young minals in such a manner on to become part of the bone, now it is not possible for this colonings matter to be conveyed by the brines. 6 The kinds of weather are so various which are mupany for the brog, that it is to more probable that it they me supplied by the heterogennes fluid, called blood - than by standing any mot yet demonstrated henous fluid . It the thindoor in India. as a penance of the thindoor in India. as a penance of the thind on the provide they had up the fitting the first of the enser the finest of them broigs is carried on by artaries who should fine the finest of there with thould we disilet that they do

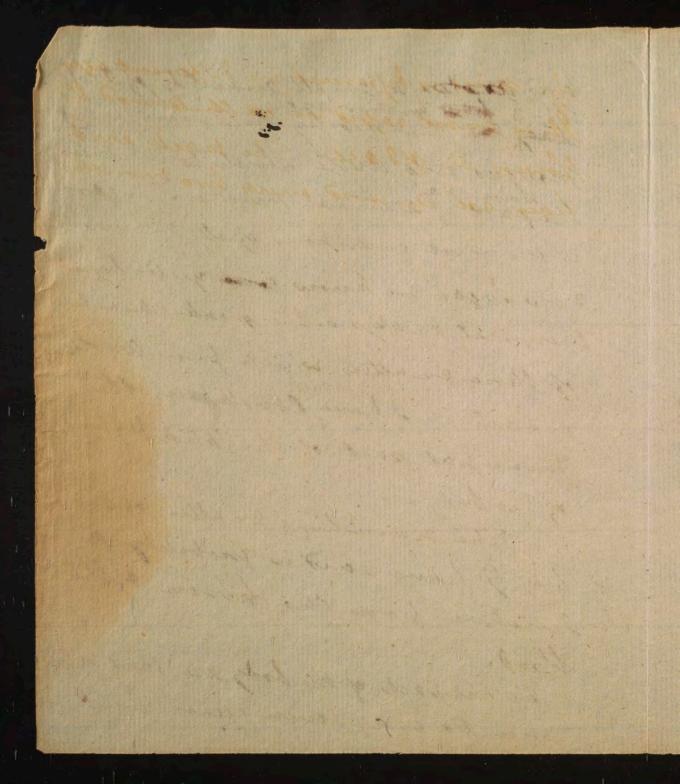
JoJ. I infer from a fact lately com = armenicated to me of the marties of the Thindoos in India. De one of their puanishments for trimes is to oblige The English to keep the one of the armo extended for several months. The arm is this Rade becomes empirated, mobily from the left with lip grantity of blood that is sent to it in consequence of its resisting the Exchesal Course of The Suretion of all the flieds in the lody is carried on by arteries. Whysh? Thing not scent the matter which aminishes the body? while I this right the news as the instruments of mubortion,



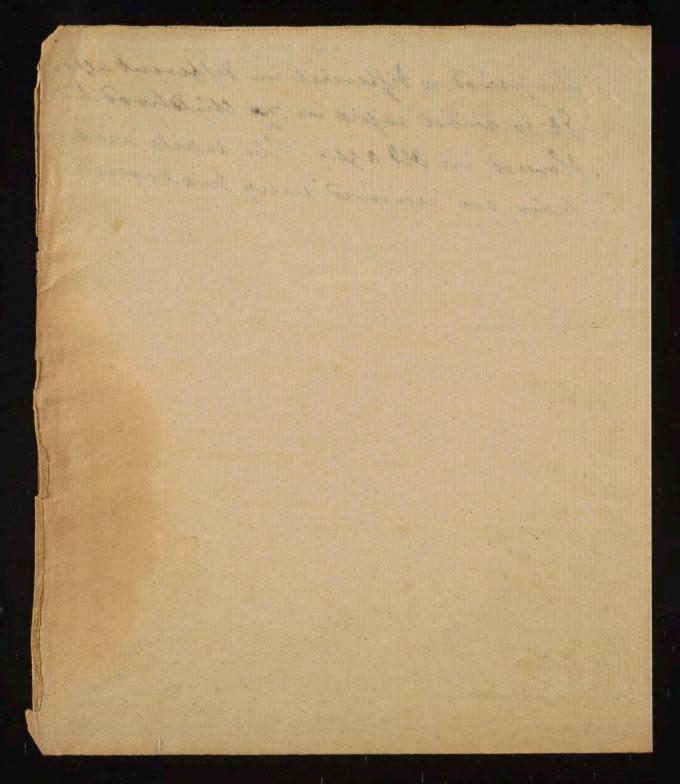
I admit this preserve to be expential to the arlowing performing that office. En what immer I know not. Thous. = ever important the arlines appearin this , and anemy other of the functions of the body, they are by un means an independant Lysten. In Digertion. in Unglification - Jungui pication & Secretion as well as in Institution they are tribu-they to the months of phones unable to surform any of those proupes with The Substances of which the now: - out them. Consist of Carbon, My Drogen - oxygen



The 3 the former age the amunitaring proupes into arote which constitutes the part of animal enalters. Ingan is the west embistions of all alienents. now Ingar her know took yields by w Chemical Analysis the greatest quantity of there enature which from arote and which I have Constitutes the principal part of the lolids & flinds of the body. The nomishing Enatter of Her body of have said is probably a Turstion from the fibrin of the all the parts of the body are said to be blood. unovated wery seven years, but



The period is hifferent in different alls. It is most rapid in the Childhood & Howest in Mayl. The trails and flowest in Mayl. The trails and hair are removed every two months.



If they have been so which hertodo Boerhare overlooked them in time placing the processate carse of all Discases in the blood, Dr fullen have lost fight of them in the extensive being have to from of the newons
It bewords to the faloge to my life

Lystern of higher avoy-especially in the

Shortled be attended with any advantage

for medicine, it will be in Consequence of my having devoted myself to the diseasing examination of the laws Ishanomena of the langui ferous Lystem, while I hope I have neglecte Southour of the respective bases of their Systems of midicine of Thematter

exot sure to the matter which work = rishis the Lody? If hinter formerly at the hymph being prepared for this purpose in the cavities of the brdy. - Perhaps this e may be the case - but it is not neupary to admit, it in order to be - live that the brownishment of the body is carried on wholly by the liste. + This view I have given of the the nomishment of the body, you see is calculated to extend our ideas of the importance of the blood leepels in the animal Conomy. It has Sun the misfortune of midrine that

which afford the prispage if hapt of the wornis hument of the body wiz: alipments have been fully treated on. enather oflight. I have then notice of the use of fat as a nowishing Multer in case of Sichness. + I hadring this, I shall frist describe the purchanities of their traines famale body de afterwards of the female mind. The = 1 Pendianities of the body, are general I local . I shall begin with those w. are general. I all the parts of the body are said to be renovated once in 7 years but the period is difft in different ages. It is more raps id in infant life, & slowest in Old per I find formerly Lities to con-- Hi bute the publikam of nonsishing wallows. Just as mucus - Sugar - and the bayder carbonates ongo. Fortine cappeaments must Determine to the totale of opplication, + the hair in + It is topposto to The boves in 60 Days.

1

1-400 714 Mithesto we have considered these the functions in the animal Ocumany which belong alike to the male wi Semale Constitution. we shall pro-- and mest to treat of the for this prem-: lionities which distinguish themfrom each other - I shall begin with the Seculiarities of the Temale Constitution. & In the I place, women in all ages & Contries are in general life than the In and they arguine their youth sweral years women than men the town from the Jolist the Sextone of their Jimple Jolist the towns for their first le Jolist their levres - tigilarly their loones than the doones of men. This is so notoriories that

3 The Speticle of women is soften, as mother than in men, and helford and pleasure to the house of truck of the house of the hou minimo south their is allow seen upon it. This loftness & smoothness of this This has been ascribed to the quater activity of the Lynghaties which terminate Fredundant malling & corrying away all the This greater activity of the Lyniphatics is happily calculated to defind them from the incommences of their estantary lives in: favory Obstructions that the more universal longerity. To the Thin is Dofter & the Celler las more. de - brane below it, more open than in men.

5 The book of the coloribus franchis are ly in bounder than Inen. 20 is 6 the Henrt. I the liver is said to be layer than in hun. It is in the inverse ratio of the line of the heart.

the bones of a female Sheleton may be kinn from the bones of a male, by - ec certain fulci or furrows which the arteries that hie mearthern of im. Smit upon the yilding Substance of the bones. Up Rangth but artisies of men. Theme they are more deliget to the bibutility lefore mentioned. - depends upon a pom finn degree of laxity in the arteries which is Hot common in the male Constitution of the min in propries of the min of the truit in propries of the tribute of the tribute of the tribute of the same intooth free and the same into the same I hemen greater disposition to Obesite. I the himes of homen and

V of some now to mention the local pendianities of 10 The Pelvis in women is wider than in men - here they are able to retain, 1 It is said to be of the same size in homemofall fires. this Usine longer than men. The trochenter, to wear the grant than in men - here they are unable to wear the grand cloubte of from in all other assent of the same of histories. viscus called the Uterus provided with ensions assimage of vepols de which are accommodated to the formation of growth of a fatrio : - . de 30 The external Organs of generation are different from those of men. If There is a within a certain termber of years a discharge of blood wery month this the Uterso & Vapina. 50 They are movided with the large glands on I which breast which decretes with for the grownishment of a Child as

more ensible of than the horses of men, and more susceptible of imprefions of mind & body - ble 10 The brains of women are more subject to motion of every kind than the frains of men Hours they are more belief to men Distance than men of I list owner to accome the pendiarities of the bemale body, but as any lystern of Physiology and and pathology in closes the mind as will as the body, the detail of am giving will be imporfest without a corses. - ponding his trong of the finale mind. I know that the difference bestween the par male & female mind has

6 The Thorax moves more car expiration in women than bren - this is obvious in female Children of a year old. The disign of it is to favour the enlargement of the elterns in gestation. -I the brie in females in more 1 oft & They are more long lived than my that is my that the motional a mone live to be old than onen - covering to the national a softeness requiring more time to become provide them to decay. It is of consequence for a physician bet to know wherin it consists in order to accommadate not only his prescriptions to this mental diseases, but to conform for they are the overnes to business & reputation in the profession of medicine & book acting the conjust will be to .

1-400 bun ascribed wholly to education, but I cannot subscribe to this Opinion There is a natural & original diffe. : mu lestroun the mind by a homen I of a man as entainly as there between the male & formale mind has difference permits to. I he the Moderstanding. It is less vigorous and life comprehensive in the Sundle Stran in the male lest home a suntage of Boson, and a stappin has never afgreen sone 2 The same may be said of this image = grinations. for hanny fourtages they has never appeared answing them.

3 for minory they excus men in The retention of words & ments, but

V of their mensories in retaining enests, a worsen have sometimes been called almanais. The curits they treasure up in their microries apointed with bypoing, particular : by with childbearing. This capacity of women in Consts as fur as it relates to words, as more correct than that of meno. - The predominame of wem on in the female fex is further illustrated by the practice of the Indians who consent all their traditions to their

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they are infrior to them in the return thon of ideas. From the uncommon work with the superior to men in the goodby of taste - hence they are better Judges of than arm, of propriety in drepand behaviour - and hence the manners of young gentlemen are so easily, and so universally polished by huping their Company. - It is from the top the of their taste they are more disposed to imitation than men. 5 Their word of familias are anone auste and are more sinsible than men. - District to live more blone It an men, and prechided by Enstown be perhaps nature from a choice in the ationy, they are

The mother worther could tell the cuents I acts of every day of her life for many years. in our Country + hodian women dis comes hostile designs to traders, & prisoners, but no instance has ever occurred of this being done by a man. V It was remarked as a proof of the queter is. kinderes of wormen, than men that our faviour was never and insulted by a hom on during his residence of the car our world; - On the contrary he was uniformly treated by them with aspect and kind relp. Baron Hom Bolt informed one that he saw a tribe of Indians in Jamers in whoshilled all this richly & deformed flield. but this was always done by men never by "Wir. I homoge to the humanity of bownen lucing and forming forming nations. & well therefore did

1-400 11 filter for their whitney Situation ley 1 5 a wore exquisite finse of Deity-hence brownen in all ages have been more The moral familty is moreover more active in homin than in min, but it is more dub examisation in its atte Gringhous. - homen inspected propers kindness more more more humanity by Charity than men, lint less to benevelence. They are kind a relations & mighboness, lesset how seldom to we meet with a fimale citime of the world? _ V De Conscience & browner prohaps less smith than ment only lume

an eligant funch writer lay of the whole fex. " they was afford the most pleasure to in middle life, and they are 4 the bost principal Insports of its two extremities, viz infamos and oldage. Az 1 V They are more inclined to Despair in histories and danger than men hir win Hamilton has promished a thining proof of the Comestreps of this fact in his description of the effects of an earth quele at Calebria. It the conth. The too owner were found with their armo folder, as if noigner at Orne to their fate - the Inver were found with their hours estended arif they had thrughed to the last, to save ther lives than Julius bis their bors bonds in this Children to wife so with the bands of y lives - of orest anocquence to know this is in ord de.

it is seldom exeited to act with the force which its Acts in men. By de distant custom, they Are restrained from all große brices which Sum neupany to some trigon, and here additions to browner, - and here Justaps One ocasion, why they are supposed to popop befor of the delicary of Veracity than men. _ There is mother reason for it given by motheme. and that is the habits of difficulation which are early imposed upon their possions by the delicate customs and want of Porhaps a letter was on may be into : men differ from men & They have

V . The greates quickness of their Conceptions to evident & in the greaterfairlity with which I has understand figns instead of Language. molandays renderstood him by 1/3 of the frens lefs than the men of that cover try. O V They are more communication of Sunt: than men - lent it is the Sweets of Other prople - not their own. men on the contrary divulge this own Susets; - but faithfully keeps the Serets of other people.
They are more disposed to forgive injuries than men. This is the effect of weatherefs chated above inge "women and men like women charter of inesolute".

Layphinius) are trained, indictive & inesolute".

Layphinius) are trained, indictive & inesolute". of the Veneral appretite than men. They populs moreour, more delicacy and hudsty than Inen. This 10 10 11 11 11 11

1- 700 +1 quicher peruptions, dans tous, but their judgements and reasoning fromers 20 are less ainte and extensive than those 200 of men - X por of the objection They have more fortitude, but less Courage than men. The former is a papire - the latter an active prality of the mind of the mason why the want of the many be it attactions to the want of the want of the those they will will the those they in close more to Janity them? men - hence we find they are papion Isome to intimaries by this love of faits when they distribute plays, when they will the har the has been don't to whather this sipinor delican & moresty to professiones be owing to hature or education. I believe it to be owing to nature, for I have sun it in so early a period in

O the ariosto who is not more reman. = hable for the estravagant hellimity of his poetry, than for the Concertues of his Ishilos oply of the human vind, go bears a thinking testimony to the guickness of this operations of the guickness of the minds in the following lines in his Ordando Juri oso. v amids the Various gifts by heaven apigned, " With Genial grantensich the female is Be this thisprise; where most the sex i To Commel toell, when haden need uguines , but seldom man, et mature advice Inpophies, " When time, the means of long debate device. Bouk 27. Its I took notice formerly, the at

purption was weakned by constantes. = excises of judgment & nusvering. Perhaps this may be the reason why the women excel the men in grickness of per-= cyphon, from thier of duties in life re--grising less of the above abstract courises of the mind. From the same wason this. - un and the Velgar are better judges of likenefors in painting than persons who are in the habits of judging, and reasoning upon ruch Objects. But restain dund animals vand iven Christian de the Bulgar in michness of procession. Birds have purhed at painted grapes, & a dog has jumped into a frainted a floor Cloable upon which the fea was painted in order to swim in it.

· V The notion started by the ingenious and eloquent female author of the eights of Women - that all the difference between the talents & vistues of the two fexes is the effect of education, is as hypothetical to about as Welvetins; notion of all the Variety in human talents depending on the same cause. There is an original difference in the listiss & minds of mend homen stamped upon both with in the would, by the hand of nature. This difference theres itself in Childhood in. -dependant of precept & or example 39. who wer saw a boy arress himself with a doll a or a girl - with viding on homebuch-by strading or aiding a + It is now has been

finale Children, that I am forced This instruct is and in its operations by the waist of chastily being attended with new ishming in a wonfain than arran of all the Objections y: may be urged against the line which I have thus Drawn between the male & finale mind. - I grant that there have been many exceptions to it both in anient & moderationes. Therehave bun exceptions to to the umashs upon the infuriority of their brily trongth. But these exceptions do not affect the truth of the general Observations which of have delivered. We find as many female minds de bodies among men, as we do Let not the youthful Champion

remarked that women have formstrines ex-: ceeded men in the same Drice - here the line of Dryonny "a thameless woman is the now ofthen the carries of the some of the mundy vistues . 29: a women has sometimes displayed more Comage in danger than a man. The firster in this Case is convulsive or morbid, buy after matural Operation of the properties of the prince of the rotter they exceed men occasion of the rough for notice they exceed men occasion of the rough for their world practities, but sarely perhaps never perhaps never in lettertral qualities of their hinds. - 0 a Homer - a Shahespear - a fronton - a Burke has never get appeared among the female det. It is and conor loi - for it does not belong naturally to Women. V satisfies is the echo of Revelation of the expense where supports the perhate tex supports the perhate tex supports the perhate there

1-400 +1 for female excellency, suppose that they opinions which I have delivered are the effects of a beginning in my respect for the female des brought on by the hand in the world My have more suson to admire and love at least one of the pop than I have, but I hold it to be spiritual to this ilruly, that and to the happiness of domestic foris ety, than there should isist isactly there degrees of forborains inferiority & Contrast between the two pass which have been described. The many of the distribers not ma only of domestic, but of political fritz I believe originate in the inversion of this Order. In Support of the apertion that

betrudes the upon us, and in lon-- segmence thereof thereof incultates probetion from the male to the Jemale dex, and Obedience from the Junale let to the male. In The government is Soutial to Jamilio, Then there is more or lip of - hts. Papet of know but one place in the Universe where perfect equality exists ourse show is in a grandy among enanhind whether in their political or domestie relations, and that is in a gravergard.

in the female Sex Phylamouseble to love forms - I will only ask 20 parents love this Children, who are this inferiors, more than children love one abother? and can any degree or confeption of love equal that which the Dugoreme Buing has manifes to the human The the eny openions on this pubject one not only consonant to reason, & Observation - but to every part of divine andation - granite It shall make no apollogy for introder Thyspiran Should mes cribe for the brute estation only who has not attended to The Structure - & pendiasties of the mind

V he wow Chimates at 12 - In cold at 17 d18, - but so much are they influence by hut that in cold Countries where women spend all their time in stone soons, they appear at a much earlier perial. _ D'Oriander a gennan physician has given us the following arrious history of the ages in which the menses appeared in 13 your a pastition the menses at gottingen. at 12 years of age 3 at 18 -- 18 --- 8 at 19 --- 10 at 20 - 8 ____32 ht 21 - 24

7 400 +1 ... in both Leves. He cannot advance afterpo in the treatment jet of principles in treating the discuses of the mind, without that This neepany & now hose . from the Organization of the female lonstitution - results that discharge from the Warns of females within a untain age which is - latamenia or menses. I thall now proceed to make a fin Observations upon it. - This monthly discharge from the Many is confined to the female of the human Species only - with an exaption purhaps only of the finale monkey, Bis Doctor. I It occurs at different ages in different In the eniste States it generally seemed about the 14. In women in high life

If It is umarhable in all thise cases of early menstruction, then were return at monthly periods, but often disappear thatil Da Haller and preliesty. ring in the first - swond - third - & in enery slubsequent month of impany at the time of the insupstion of the menses brilliant - the voice more musical - and the whole diportionent of a woman some - dergoes an agreeable Change . It this the unneal appetite is sensibly felt than often minstmete till they are 60.

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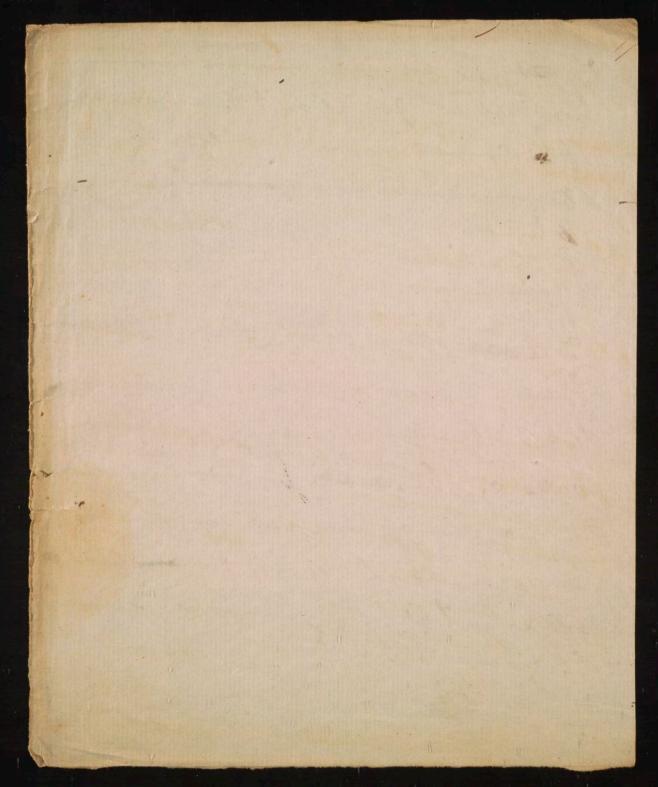
it occurs on evener than in women who labour - enou especially - if this labor be performed in the Open air a Tothis re-= mush of the period in which the menses make their first appearance, - there are many exceptions in this city years of age to menstructe of Two of them were in One family. 3 The usual period in which the menses cease is between the 45 to 50 years of life in the wind the States. To this there are many exceptions. There was a woman conting living in this city who was near los who menotiments till the was go without the interruption of a single month esupt when the was with Child or gave Such ! - There are many cases upon second of women who have had a return of their menses after

+ Eg mm Sinclair 1795 - ajed 70 In the german Eystrimendis there is an aut of a woman who menoticated still go, after censing for 40 years. - or Ulebenden mentions mout fremilas instances of the return of the menses in very old lopmen.

they have cased for years in extreme in the System to come itself which appears in the remark of the teeth - and in the reasing of during and hearing after they have been duayed or lost for years. - I have inopeted from all these facts, that the antidiluvian age was protracted by changes in the hysten Similar to those which go forward in trus, but with this difference that the body to before the flood the body by this bus and leaves every year. The Removation of the lette of the Jenses, and the setum of the menous our to be efforts of the System to produce an antidiluvian The menses care sooner in lovenen who labour in the open air, than in

V 5 The menses generally exase during Inequancy, and the giving of Link. To the former flate of the grown there are Sometimes exceptions. There are Twomen who menstructe regularly these cases comes from the Vagina, There are exceptions librarioe to the latter State of the Lysters. There are bownen who menotonate thising the wholitime of this giving buch. The ordinary cases the menses return about the 11 month in brusses - They are a signal that it is time to wear their Children, and to never the business of childbearing. I work suruptible of diseases at this time than out in the intervals of menstruction. Their diseases me grovery more violent as

women who live cary and indolent lives. 4 The quantity of blood discharged only continuance is from two to four days. The times its recurrence is Ones every There is however, without any incommission, dunar month. The blood which is discharged's has no pendias mull, be morbid quality. Perhaps among the few this cleanlings the blood enay have had some unwholsome with the " menstruous Clouth"- and hence too the Strictness with which was commetion was forbiden with a menotinous woman. The fews to this day who live agreeably to the ceremonies of the disticul law - have no connection with their brives - Untill two weeks lefter they have paper each term of their menatruation. of the 185 women who to the lying in hospital at gottingen Dosiander says 16 & did not monstrate after Conception 8 minstructed and Sprofusely. & trois. 2 thru times I five times 3 com oftner, from which it appears 1 seventimes Shat the Cases in which menster takes place in pregnancy are in the out 23 to that is about 1/8th part notio of 162, the was umarkable in no one of the cases in which avens tration occura, did any aboution or any had Consignences wise from it · Take notice of this fact.



They are able to mittet to Changes in Some Women the weather just before the cach term of mustination have in ordinary health. not be suspined ut my atting I That mustination is a discose is so much for that winner often call it this monthly discase. The State of the Uterus, and of the whole System indicates this to be the case. enorbid existement take place in the Ultimo During this puriod, and often to meh a digne as to much the furtion of mens tral blood, approved the state and in some instances to presun that kind of mean brane wil said formerly was from the fil in of the blook. This hours brane has been discharged in menstruction It is & The menses formationes continue to flow

Thaving mentioned the principal facts your this belief, - we from most to inquire into the cause of this puntian Ishanomenon in the finale Constitution.
This inquiry divides itself into the Gues. = lions. I what purpose is it intended to seme in the system, & 1 to what one its original causes 2 what are the or monthly causes of its periodical recurrence and comment of the Catameria to the veneral appetite. But this is as foreign from truth, as it is from delicary. Observedit in women of the most exsomething Chastily, and in some cases

p. 729 you see here gent another for off that we are kept alive by disease. The absence of the monthy on wateral vitat it might be called is follow. by the west besions consee -greenes in every part of the hysters -The test natural or vital discuss I have ment? may be composed to the daily Changes in the Course of the winds obunguerature of the healthy flate - While the

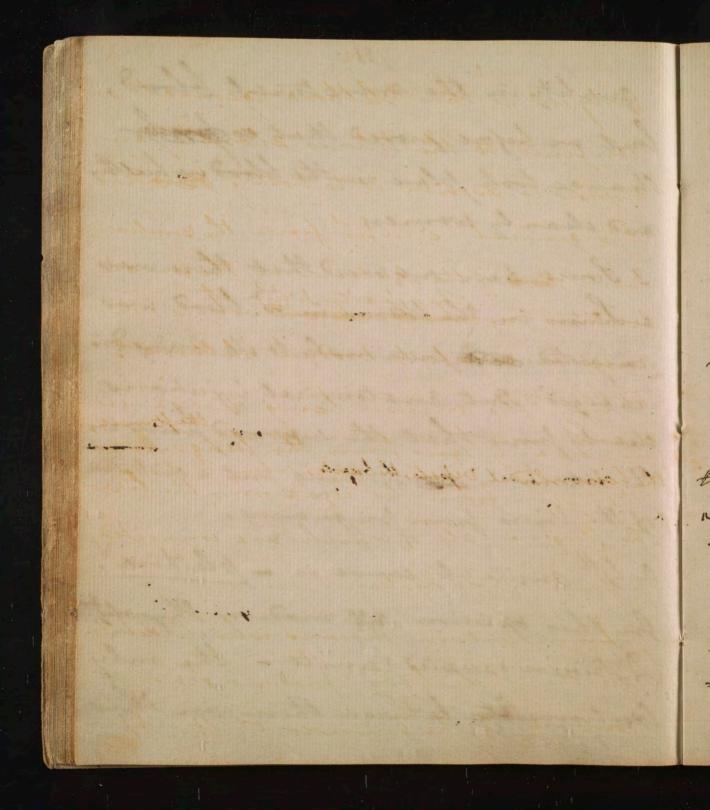
reguired on the discess who was with Do some good, but more fregent. = by to great mischief ugue by the syou featland. the contract the complete A North Contract and American Contract of the The second of the second second

particularly & clin formung tion pind that too when the district is everyined. Ra: = marini mentions un instance of a Run were was confined to her bed to years, & who hotwithstending had her latamenia every month, her often meet them in Juness of meny grade. The discharge of this blood becomes from habit openhal to good health - hence when it is obstanted in the Ulanus, it papes off legther hongs, Homeel, Heromboids, hose, eas, buests, Obfores of even the little Jingess again such is the effect of habit upon the System, that after they have been obstructed for dix or lever years, women formetimes enjoy good health.

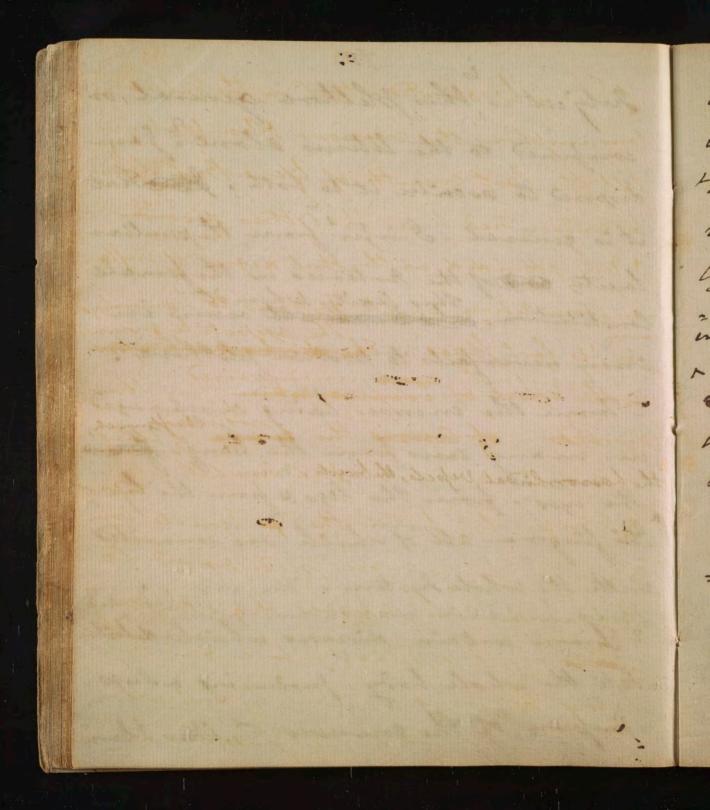
in Women to for elebilitated by disease, as he below the Himsihes of venerel disises. But it may be said that the in these women it continues for habit - after the astruction of the Vines. appetite, - But how shall we assume for this discharge apprening at regular periods in women who are afflicted is. madness, and in whom the disease had of the breaking Out of the menses? a 2hr pinion of the original land of this unevation is that it answerform a firment in the Alterns. This Opinion is founded on a luppoured worked

by the ways disposed to by their property lives to by their property lives to by their property left them men.

quality in the mustical blood, but we before proved that so get Change took place in the blood in healthy and cleanly homen. 3 Jours have supported that there was a Lines in the Uterus in w: blood was congested, is previously to its being dis : charged. But Buttomical injutions clearly prove that the supposed fines in the Utimes is and arthing but a distintion of the Vins from prynancy. a Lith original cause is a plethora. In this opinion all anodenn Physiolog. (DiBrown excepted) unite, - the only Controvers to between them on this



Julyet is this plethora general, or confined to the Utimes alone. Jam disposed to assente it to both. That it is general - dinfer from the puntias lasity of the Antinies in the female Constitution of this facity when it men neverfails to produce plethora. in many cases from the lange for the possibility of the possibility of the beauty of the beauty of the legs of from the life of the finger and all of which are unmetted Porises by the members of the same fysters bis the blisting - tate the whole body, producing a dup: = pression of the enenses. To this from



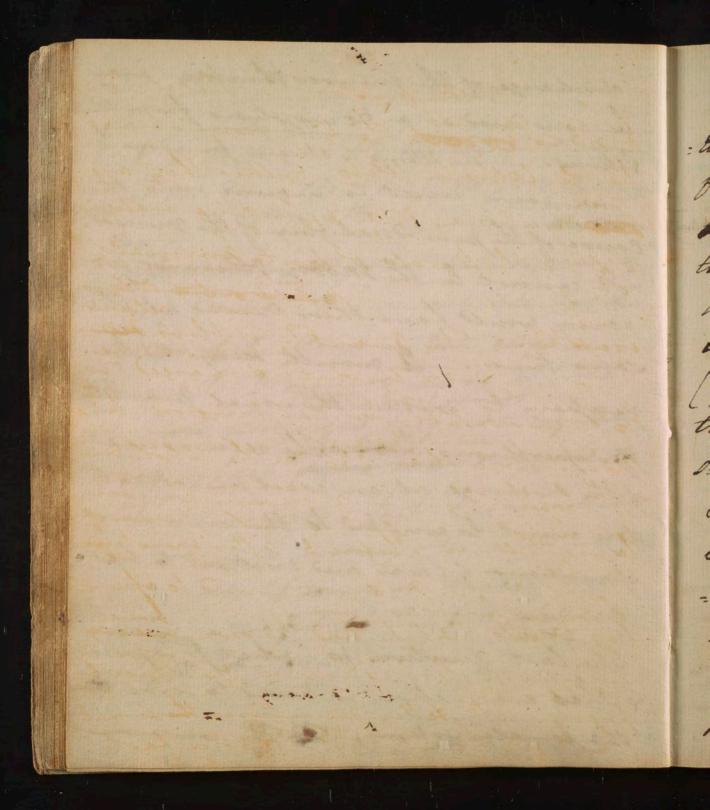
it may be objected - that in the pulmon. Consumption the menses often continue till the last amounth of life, - But it should be unembed here that this discouries Often attended with that degree of inflam. in its last ftage. The appetite moreous is frequently and minimpaired in this dis core - of Course the forduction continues as in purfert health. If infirit - from the popular lon-= , to testion being en one predisposed to inflammable chisesses than the male, - more especially to a few days before & during the time of menstrution. In I infor it from the dynaptomo which

hand the season of the season was the same of th V I have felt, and observed this insternal instanus.

punde the first imption, & which attend - every chilo eguent discharge of the menses. They are such as attend Jolethora, or longestion of the whole typtem. I grant that blood letting does not in many Cases, prevent the monthly discharge of the menses - But This Jones nothing, - for the the laxity brit by bluding I believe on the Languiferous hystern, the mais o organither dispose to de to to plethora than otherwise. Previously to the discharge of the menses, the plethara appears to lectransfire to the Utions. no more happens here than what happens in the loymapstysis. The plethora which produces this distant

I distunded with blood, and even thicken is from the Uterro, & not from the Discharge or restor for as has been supposed by I me Porities. It is remarkable that the beins of the Utorus in five cans exa: The blood wis charged, does not injulate, from which the styles bure to be a Secretion, - but it is remarkable that which is discharged by discore coasulats soon after it comes in Contact with the hir . This fact to was first taken notice by Ma John Hunter.

discharge of the unrescotherefore may be considered as a semostysis from the Itterus. - The Uterus is always found more her come next to inquise into the cause of the periodical flux of the menses. - It cannot be the Inoon Otherwise hr= = enen would have their menoes at the same time. It month seems to be muspary to produce the usual quantity of duperfluors blood in The nousene of the discharge at an exact periodical day must be ascribed to the influence of aportions of i deas and enstrons to be considered husefter. The last question is - what purpose is this evacuation intended to serve to the female ystem. The common



answer to this question is - that it is in tuded to promish the first wound hment for the faties in litero. To this there are three Objections. I There en nothing analysons to it in the females of bents arrivals, the female monky to bonly the setting excepted. 2 The quantity of blood (if we may judge by what is discharged) is too in considerable for that prospose - bring Islam more than 336 in the wholepind of pregnancy. - 3 enany winer been Children - before & after menotrua. - tion. Of this Delhanter und to apun his pupils that he had known and Inactice. De Haller enentions the several confirmations of the same but.

v De Heberden songs he has known a Conception to take place, where burn = struction had taken place but twice in the Course of what I than some mentions and capes of whorestion in which it had never taken place , so and asknowledge that I place lefs desoundance is. up on this last argument - than upon the two former dires - as all the cases that have been sifered to of correspotion during the absence of mono truation apprear to be diviations from a law of Natrice' - non By fulnip of the leterine veforts may takeplace, I blood be discharged, but in such small gruntities as to be taken up legthe lebrorberts before it care pap thro the Vaginia. What makes this probable - is - that women who Conceive with under the above Cramostanes generally enjoy good health.

nos is this all beginning takes place under the arcumstances of an habitual Obstruction of the menoso. Of this shawe known an instance in a Stroman, book in this the facte - who has bonne a Child after an unfmitful marriage of 15 years, and after of the Obstruction of the enemous of three months duration! Thou all controverted Subjects - Sfeel as if delone or indefision would be construed aspecies of philosophiful into convarion of a safe regrutation to the line have of Since Upon this hely ift therefore I will venture an assinion Boutes ful the beneral appe. - lite at certain Scasons only - enost of y. 20 but it in the spring it - Out this time there is a discharge from this Vigina's of a

digne by the distension in parturation here many female boutes miere the emberaces of the male the next day, I some the west hour after they are delivered of their young. again. The Uters of a Bitch, theeps and every other arrivals discover everts of influm does about the time they feel the benereal appointed. Holler Vol 8. 15.13 & bughour days many of them drops blood from the Utimes at their entiring time. distills from the Utimes in Hysteromania, and women become highly litizarious in the beginning of a gonorhaa. Do ps. 14.

1

mucous watter - I in some instances of blood. - The design of this the afflusof humans to the womb, be to impart a tensibility to the befold and disposes them to Juning, and probably emenuses the pleasure of costion. This femiliatity is how women who ful the veneral appetite alite at all harons of theyear are provided with a mounthty discharge which sens the same purpose of disposing them to benery, and probably enerces the chance of conception from Contron. There are two fuets takenhotice
by Delanery which favour this lon. -juties - and that is that women

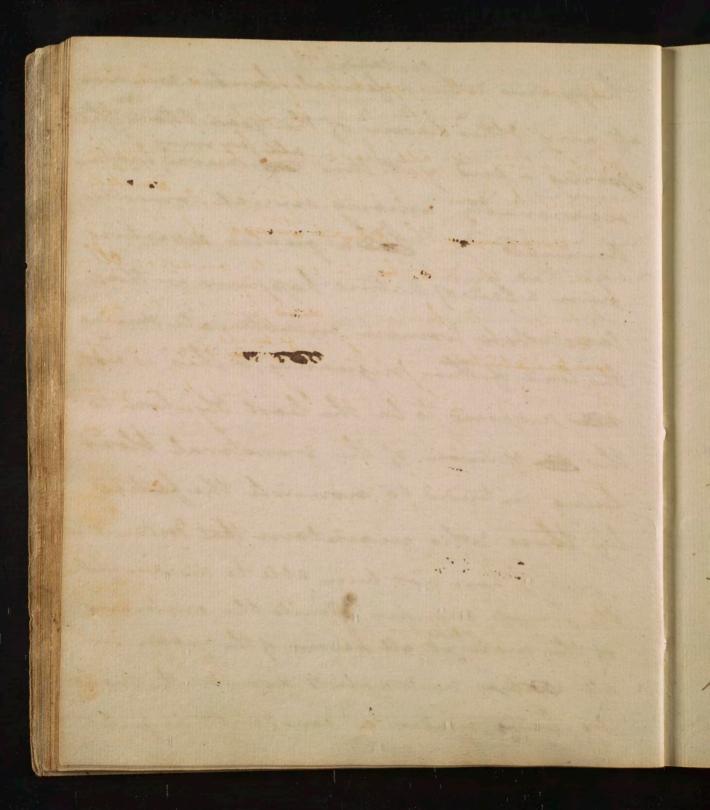
+ but of 100 hithes Ir Boushauce says 99 haps. : pen in the go month from the end of men: : struction schoning from there forward growths of gestation. The Uters is then wind to be less chan then much, of fire the Inignant Untill after they have had One or two monthly evacuations. But further - Do Hanney takes notice that the organs of generation in mice # moles I some Other arrivals - disappear in such a maning the intervals of their pregnancy, to distin: Exist the wale from the female by dipeting this generation - now no such thing obs stains in the female of the human Speins. The Utions is uniformly about the bing period of the line of a prear during munstruction. - But it is remarkable that before mustruation it is no larger than a hear, and after it - it old women it

are more apt to become pregnant from a beneval Connection insmediately before or ministruction than any other time t - To this we may not that women's I should have no histation in in. : rolesting this opinion, did not one fact mililate a little against it - and that is, that winner le the pregnant before the minor appear, & after they cease, - also during this Obstruction: - Cases of this kind ere however sase - and When they being posing no internal discharge to takeplaced been ne not greater departures from the order & laws of nature, than oeur in Other parts of the humal During both in health & in discusso. - Tolan equal departure from a law of nature

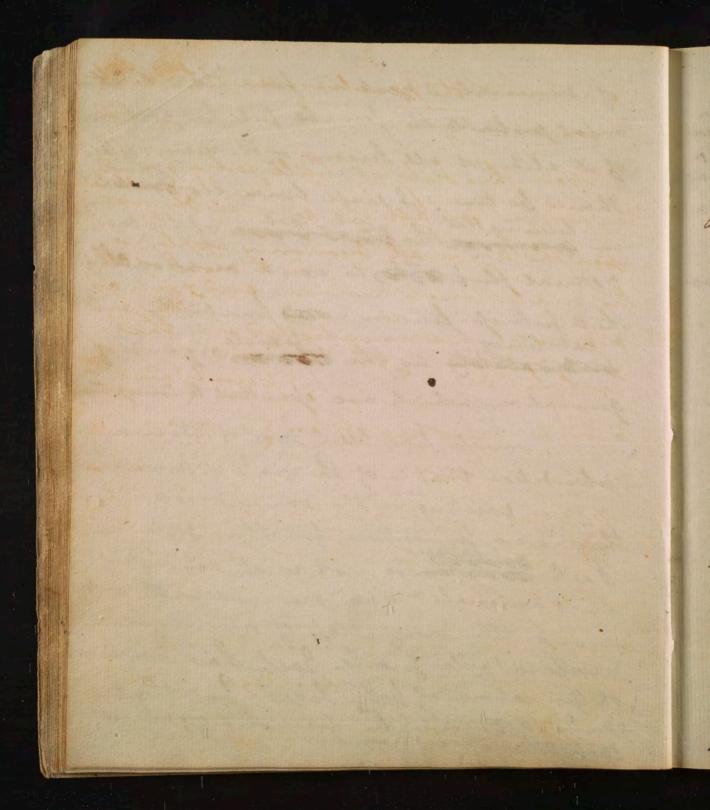
72;

Thrinks to as far and appears to be distitute of artisis breins. There is one more fact which of mentioned formerly that will all some wight to Don argument, & this is that the runnal apportite is frigt felt about the time of the imagetion of the menous.

hapopens when firmale brutes concine Spring, - and yet this all fagmen hippens accasionally among serval domestre Animals. - Da quater departure from a law of nature happens in those Cases where women minstructe thing The time of this pregnancy, & this is not supposed to be the least Objection to the opinion of the menotornal blood luing intended to mourish the father by those who enaintain that doctrine. I have not been able to discover whother the female monkey Dmits the embraces of the male at all hasons of the year. But all the male the male no ling under a constant impulse



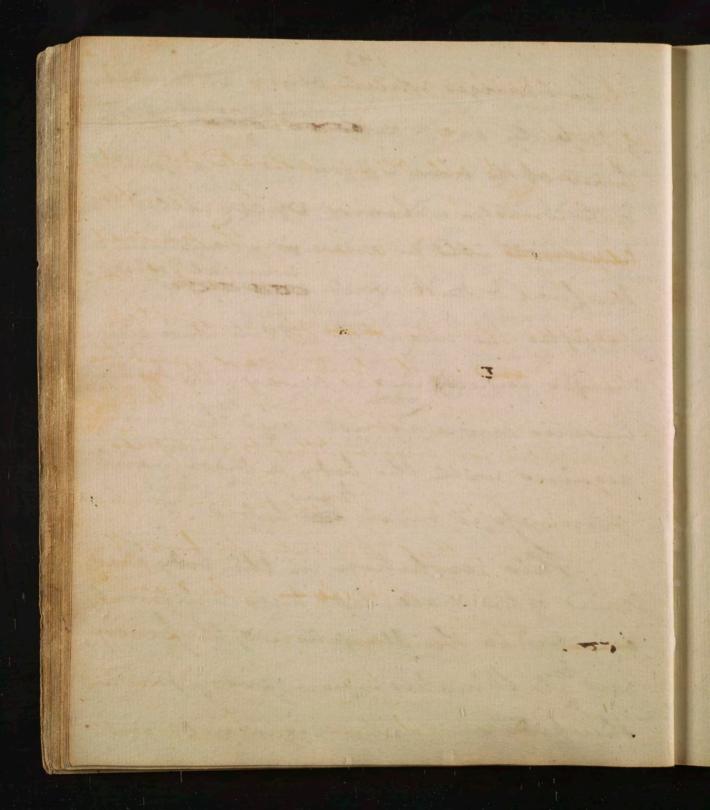
of Eunisial appetite-from which it is most probable the female feels her portion Thousa be true - I shall have no the men in property that the forely the of the men. A struct flux to exite oursionally that fulness- tension - and finsibility and patulency in the the organs of generation which are spential to Conseption much has been said of ldes ma. - Johnstes - that is of the male of female Organs existing in the same presson - Bet their is no foundation for this openion. - Such worten do not exist among red blood animals. They are wet with only arrong the lowest Class of minals. particularly frails. Each has y organs of generation of both Lexes - but they are could to evenery, by frictions against



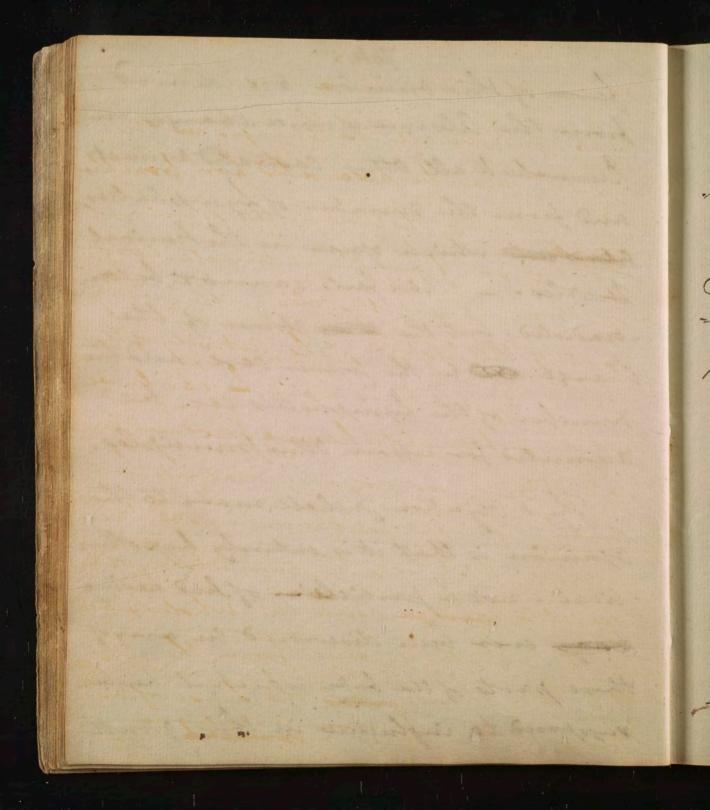
of the pendiarities of the male Constitution. be said - for all the general themed the male Constitution - and fuch as did not, were mentioned in the last lecture . The only punhinsities to be taken notice off are the organs of Junisation, and the changes which takes Island sot pulmenty in the hystern in Con-- require of the Sention of the finen masculinum. I refer you to duatorny for a description of the male organs of quiration ..

V This change in the male Constitution occurs usually about 14 year - But there many instances on record of its occurring at a much earlier period. D'est allerectots one of a Boy who has a beard fone of the Jigns of puberty) at 3, and anothers who at 4 years of age had a course voice, who at 4 years had a course voice, great stringthf 10 as lift grianguaginte pounds, It that he will veneral desires, and appeared in very respect to be manigeable.

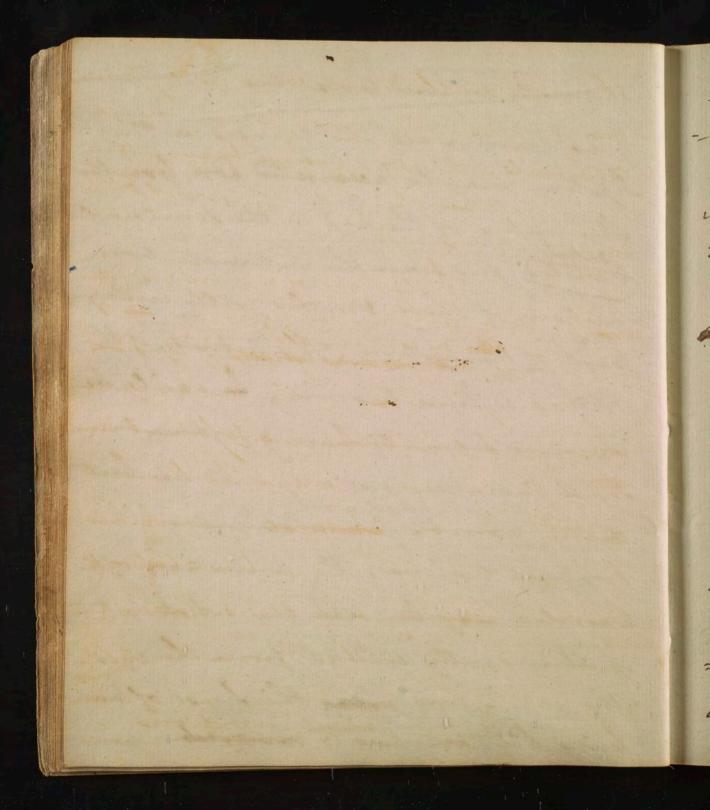
The Changes which owns at the age of pulsety are - and enlargement of the bones of the hose - I fortherd - a Spreading of the breast - a hourse Doice - called the 14 year ow cold) - a leard - emptions on the Chin & ruk - and consistes. - after the weahness which these ridden Changes induced wears away, the hystern burnes more robust, and the mind acquires with the body, a bigor, - and firmness, it never before. V This mobilion in the body and mind of the male, has been miformly ascribed to the Absorption of the ferner, and its thimselves upon every party the body . - The arguments in



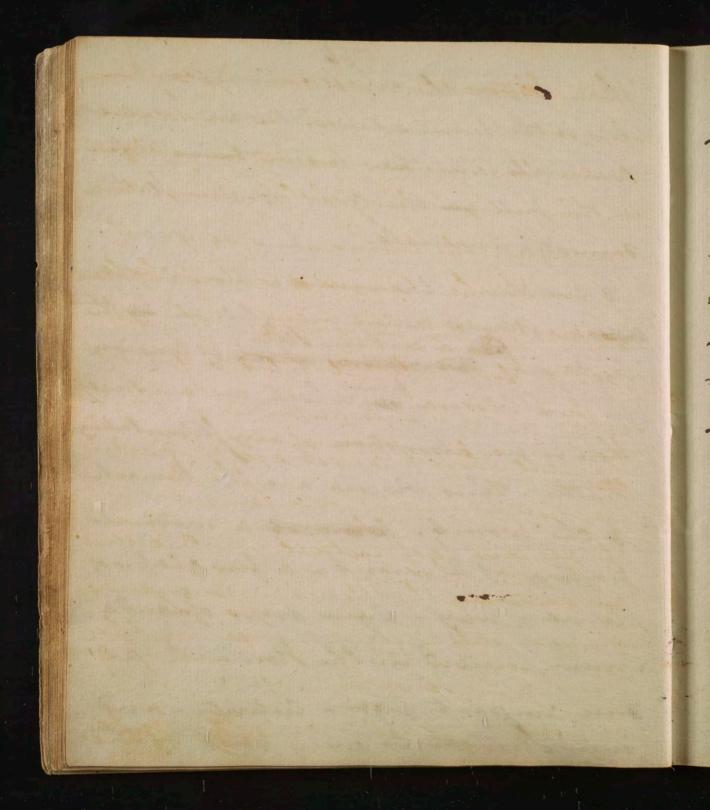
fever of this Opinion are derived from the absence of these Changes in Eunuchs & all other castrated animals, and from the munber of Lymphatis Madado which open in the huminal Versiles. - Thèse facts cannot be con-: tradicted, but the the absence of the Change so in the former case, and the humber of the hymphatics can be aumuted for upon Other principles. The I Objection I shall make to this Opinion is that it is entirely hypothe: - tical - not a particular of having to ever been discovered in any of those parts of the body which it has been supposed to influence in their growth



or newly arguined foroporaties. 2 I concein all the changes in the Tystim may be accounted for, from the Stumbers of the had in the Seminal weple and from the intimate con: = nution of those vesides with wery part of the hystern. The artivity of the Seed as a firmulus may be easily be conceived from its having produced in death from its initation upon the Invinal resides. The Connection of these resides my to with the whole yotum is abundantly evident from the eyes the cars - and winged impressions upon



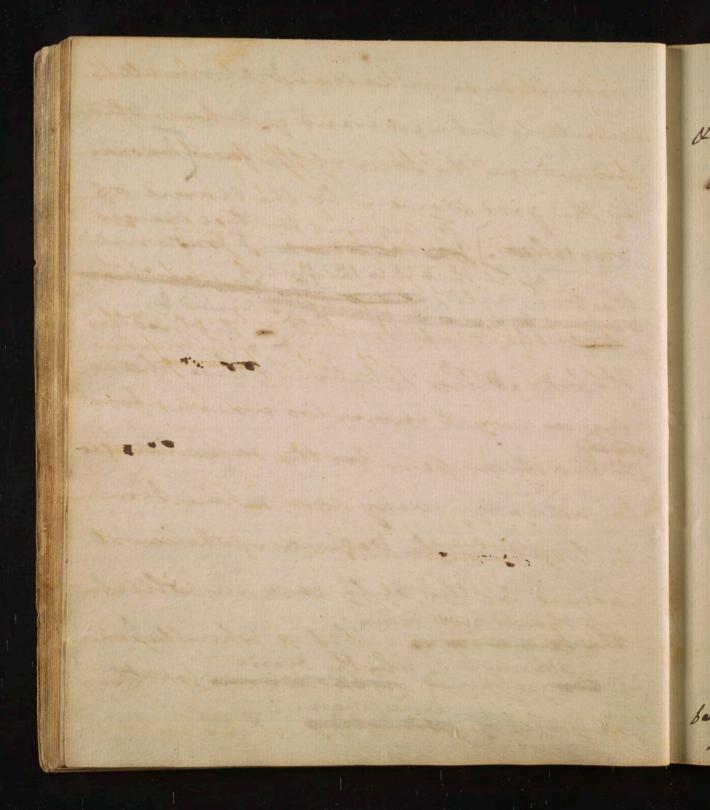
them. Even the wise conveys aftime - his to the Seminal visites in some animals. This has been observed often in the bull are the goat - de several other domestic animals. 3 her Observe Changes of a more important hystem by the from blate we are sure there is no absorption of any ftrimulating matter. These viscora are, the Hamach & the womb. Winter a moderate partion of aliment - a fin glapes of lvine - nay - a fin drips of Landa. - mm ruined in the Homach, at once impart vigor - activity - and even Strugth to every part of the



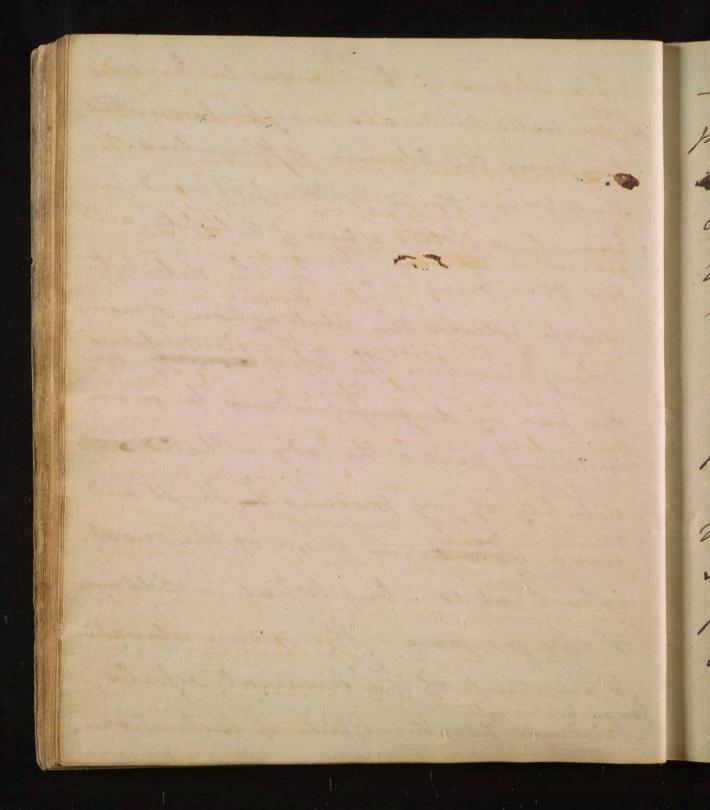
body, to bis long before they can be Supposed to mix with the circulation either by digestion - or by being abouted by the Lymphatic Vefsels. - The State of tension in the Uterus liherise greatly influences the bigar of the whole hystem. In one has supposed the men. - Smal blood to be absorbed, & yet no sooner is the Utenes disturded with it, Than all those Changes are produced in the hystern which were taken notice alteration in the State of in pregnancy produces still quater changes in the System. The Stomach is affected with nausea - the head is gidly - Lyneops is

V But further - we Observe a certainstate of trusion in the finale byoten to be consected with the presum of the orania. By estrac. thing them female arimats become fat, I love everal of their female qualities the now no one can suppose the tension & vigor of the female gotto depend upon the absorption or diffusion of the contents of the brain this the

induced in same cases - & above all the month is enlarged - and a Coloris Often induced in the Shire of the face known morphon. Josephine of presume no one will, and the flut of the will be the the the thing the different this the body , & This to hation of this ephano: mina would prove too much, for it would it neupary for the same Changes to accur in very case where limen is boged in the Vagina - whereas it occurs in the only case in which the should not occur that is when the finen attracted & into the opinia for the pruspous of francistion. - V



The absence of the Changes in humsels other accounted animals may be auounted for from the absence of thimselves. The Shall voice - times ity - I lop of beard in Ennueles are the effects of debility, and are Often brought on by the debilits which follows the abstraction of many Other Strineli. The lop of timpulpions the ear by diafrefo produces languon in every part of the body - the delicity of joy produces the thrill and weak with in men of the most robust habits - but what is stillmore to our purpose - the hidden ulasation bor a while menty all the effects of Castration.



- hence the Juying of "Omne knimal no Onesunly post coitum tristat!" - the sound will ascribe the languor in this from the abstraction of the funer the Chin the hinds - and yet this ought to be the case, if the vigor in those parts was The effect of the alsorption & local Himules of the Sumen. nothing can be infined from the Unmber of the hymphaties which open in the Seminal Vesicles, but that yest pains have been taken to under that liquor as free as proprible from Water, or the dynaple of the blood. The fat, and even energiese of

V The samething hasopoeno after the debility induced by flow ver none fewers.

Sire in certain humals after Cas: -tration is are the effects of debility w. produces relaxation - herrer the Vefulo yild more readily to the impulse of Other flimieli. after a while this de. · bility is removed by exercise, & the Ami-as before gas: - tration. This we see every day in the Ox and the horse . -The pendiar huell of in canimals at the age of publisty may be accounted vittated factory the pumpisable matter imparted to it by a Vigorous Circulation - hence we find this hnell most observable in hard working propple.

V notwethstanding these Observations de By the there is One case in wi I believe the Absorption of the male for thes place - but for very different Jonnsons that those which have been mentioned, as I shall say here after fruid in the liminal resides being the or the foundating In is Durind by 1880 Hunter - What some pains have been talents refute it in De Doyley in his hugural Diportation joubhand in 1806. The Dr examined the organs of generation in a Boar & was unable to find wry Connection the he to un the Vasu Deferentia,

I combide therefore that it is most aqueable to the principles of arrival -life - to analogy - and to facts - the Impopose that they no Changes are indued upon the hys time by the absorption of the Led, and that, on the contrary, the lefter the Secretion legins, it is hipst up by the vigor returned to the ferminal lepels by the energesed time of the whole we have now brought the two leses to that period of life in which they are both fitted to propagate their Species. - In the brute Creation, the birth of the veneral appetite, of the Commence of the make & female

I the vision la finisales. The liberior found the ligner in the wesides totally different forms Holor & Consistence from that which is discharged in a Venercal Correction, a Castly the found the same liquor in the visides of a contrated as of an uniastrated whose, from which he infor that the lignor exists there for other Justs are still more showing to the own opinion.

Those was them . I d 2. The more informan. upon this Pubject fee his animal Oconomy. Thom. = cour the contraversy may be settler, the Samuel House De Long of the State of the Sta the there of governor dans he that to other of meither thright, nor error upon the practical totrines of midiane.

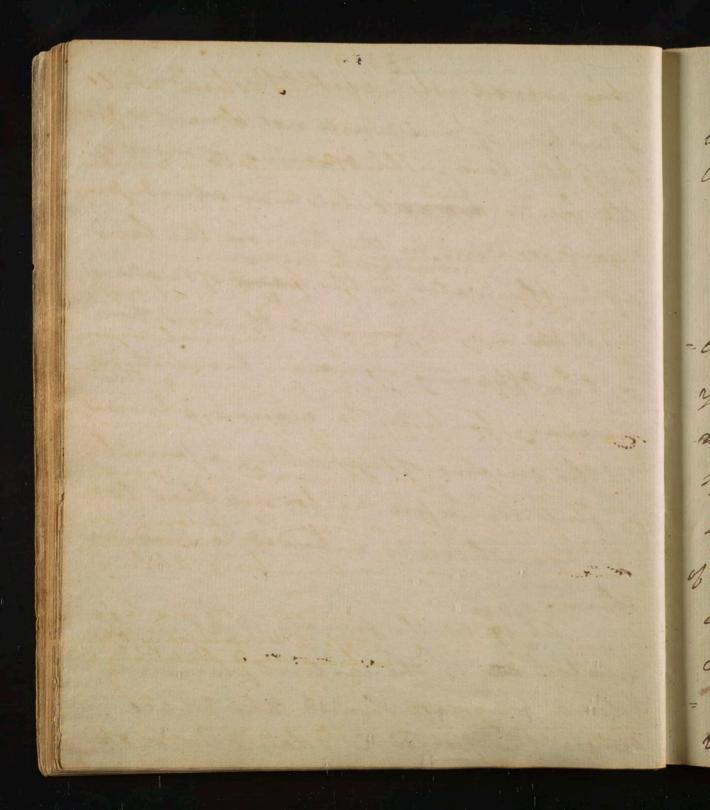
are weval with each other . But the Situation of man will not admit of this ling the case. The Offspring of most of the brutes find Intristence already preor in the water, by the land of nature, but the very different is the Condition of the Offopping of man-hence it is nucleary for him to arguine a knowledge of the means of supporting a family of Children before he forms that Com-- nestron which is intended to produce them. 16 or at female, & 21 in the male-to is the unlist period in which marriage should take place. The longer the period is delayed lengous that

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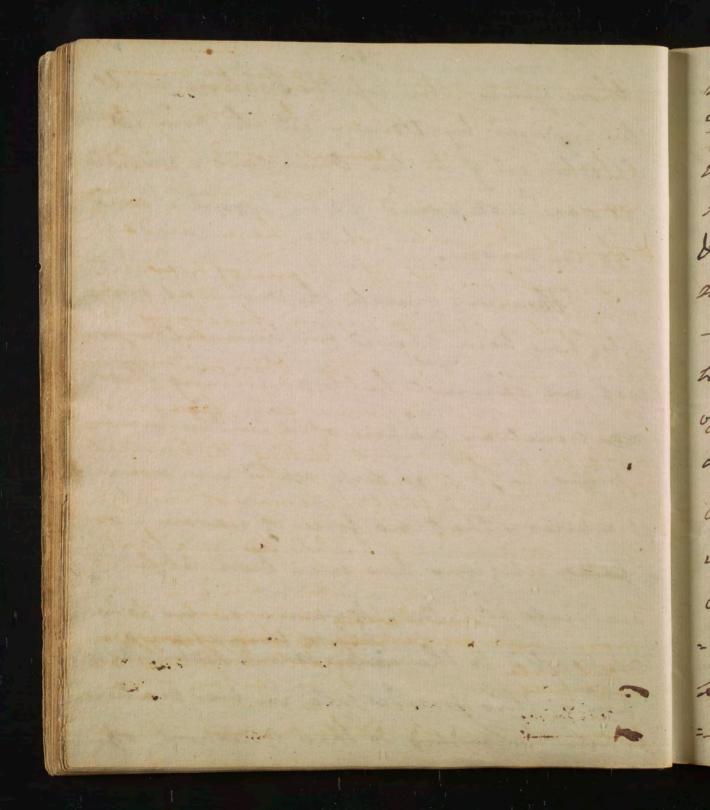
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those years - the lefs the Tystem will be injured by transy in the one , & Childhaning in the Other Case - provided il does not excued 24 in homen and 30 in men. However much the verreal hope. - tite has been abused for immoral purposes, yet we cannot help admining the no pendiar nature of it in the homan Species. - It is so dup scated in our bratures - that no force of reason - on of the religions has ever bun able to appealed to the estates the the - tion of this principle in our ratures when he sephis to that question of



The Pharious - It is not good to marry!

4 There are Emmelis (said het which were so from y mothers word, - and there are some Emmels which were made so men I there be benneho which have madey: when such for the hingdom of humen's - The that is able to miere this daying, let him receive it; - The Obvious meaning of which that no man can be inst as a man without fuling the Vinenal appetite, and that he cannot indulge it without fin - unlifs to in a lawful connection witty a loveman. The commode of privilety of this masterly and
mode of privilety this masterly and
mode of matimory, to the
folicate
but the opposite fourpose of exporting Calebing, the lay Cutholie & some

V The text there fore with this interpretation is one of the Strongest arguments in favor of the matrionomy being no miveral as renerial desires and an mountilated State of the body, and accords perfectly with the communance hear Sovious gave to it by But begain it of his mother by his rysuted father Joseph, his brothers & Had matriomony has been in the last degree incom-- patible with the purity required by the gospel, the wood last person in the world that ought to have lived in that State was the mother ofour faviour, and yet we find the lived with Joseph & horse Children by him after her wornt had been conscerated by having given birth by the Son of Tod . The the big bur Saviour "his Brethren"

protestant divines in the both week and imprious, - for it makes the ~ Various of the words, to summered a practice which is not only emel but which, - if of universal obligation (as it were it were) would tend to extend to extend the first) would tend to extend iminate the human race. V_ appetite of the binereal n los deforefred by poverty, or flowery in which the hours are not attracted to There are to Conditions of the Lysten in which it is not felt . In melancholly - in Hysteria - in Epilepsy

+ hen the mightonshood, and was approach of death do not ex: : ting wish the len ago joetite. Ha tento set 10 to 10 the son bounds for the golden forms, too Within a for yards of Bersh hill from who the grown of the dying to the bodies of the dead seen every hour of the day, the comaliounts from the yellow four indulged themselves in the gratification of this appetite in the most criminal manner, & gibbony says that in an Easthquake which destroyed a ity in the righ of Justinian

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of such as are called malignant, of fries of coiotism - and winder very of prices of Deformity - man inclines to propagate his Species. The monstoons Child of 26 mentersey mear the Pisacity falls in markersey yours of lige whose history Domichaeling has given jos expressed a strong desire for a wife, - and montaigne mentions andle a Case of a man in whom the parts of Generation were 70 reasely visible, Even old age some does not chill this appelite. The famores Para was convicted of houlting attackers at 120 years of age - and on our daily hows papers litt is that in men & when

many proses were seen committing sapes upon the districted homen. Distracted with fear & timor . In both cases, the vininal appetite must have been the effect of disease & and v a famous gnaher preacher in his travels this Virginia relates that he was kindly entertained at the house of a Inan of the hame of wom Potter who was 92 years of age, who had a third of two years old by a young write playing about his knew. This man has died at loy and in such good health as to work in his field till a few weeks before his death. Is the human species would soon be extinct, for for Reason, with out the aid of passion, & appetite, would knivishely

about 70 fragmently do homage to this universal this in the human human fraish of the horas for the purposes of heaven, with respect to the disting of that the human race, - is this appelite this deply planted in our hatures, so as to be removed beyond the influence of reason. Mariona disease - deformity - on enn tiself -. Unlifs this were the cun the matter to the first by placing it in the proper of a female companion for life -? Or who would Weli berately sot distribes of by a

swolt at the family of Children. Hospily in this instance, the wisdom of lunwolence, and multiplied our happinelo, leyous the influence and somes of man.

